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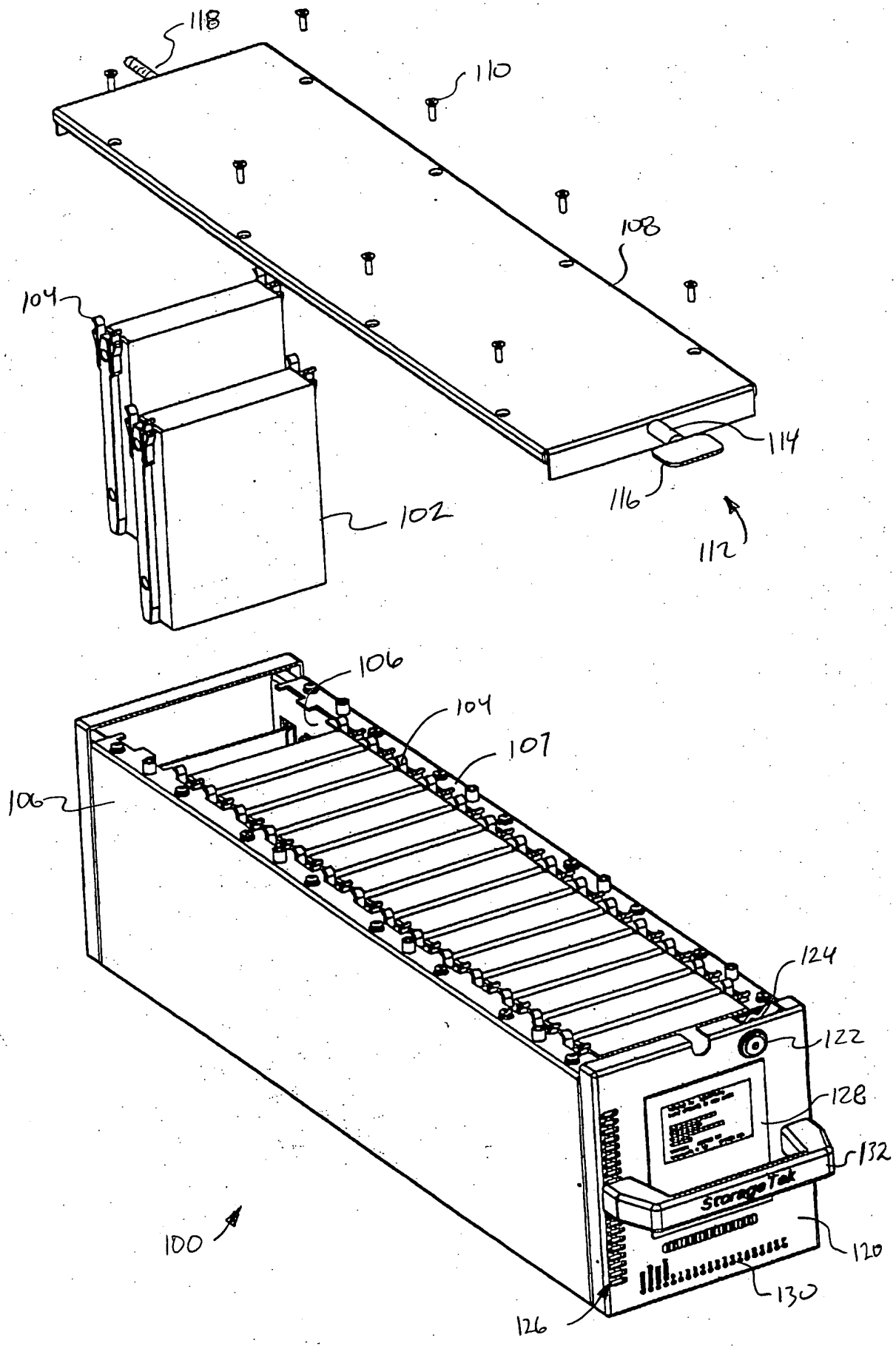

118
110
108
104
114
116
102
112
106
104
107
106
124
122
128
132
StorageTek
120
130
126
100

FIG. 1

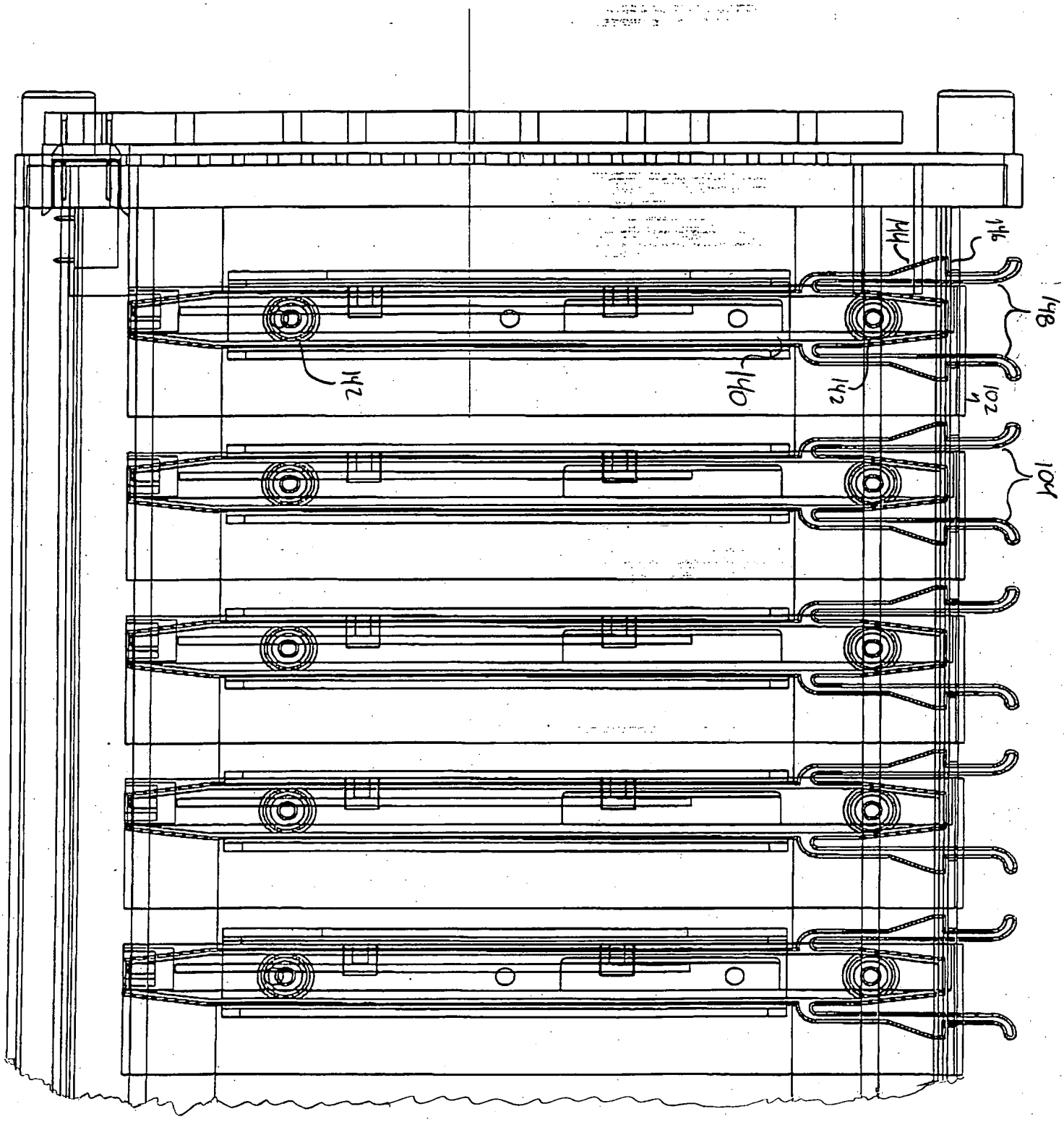
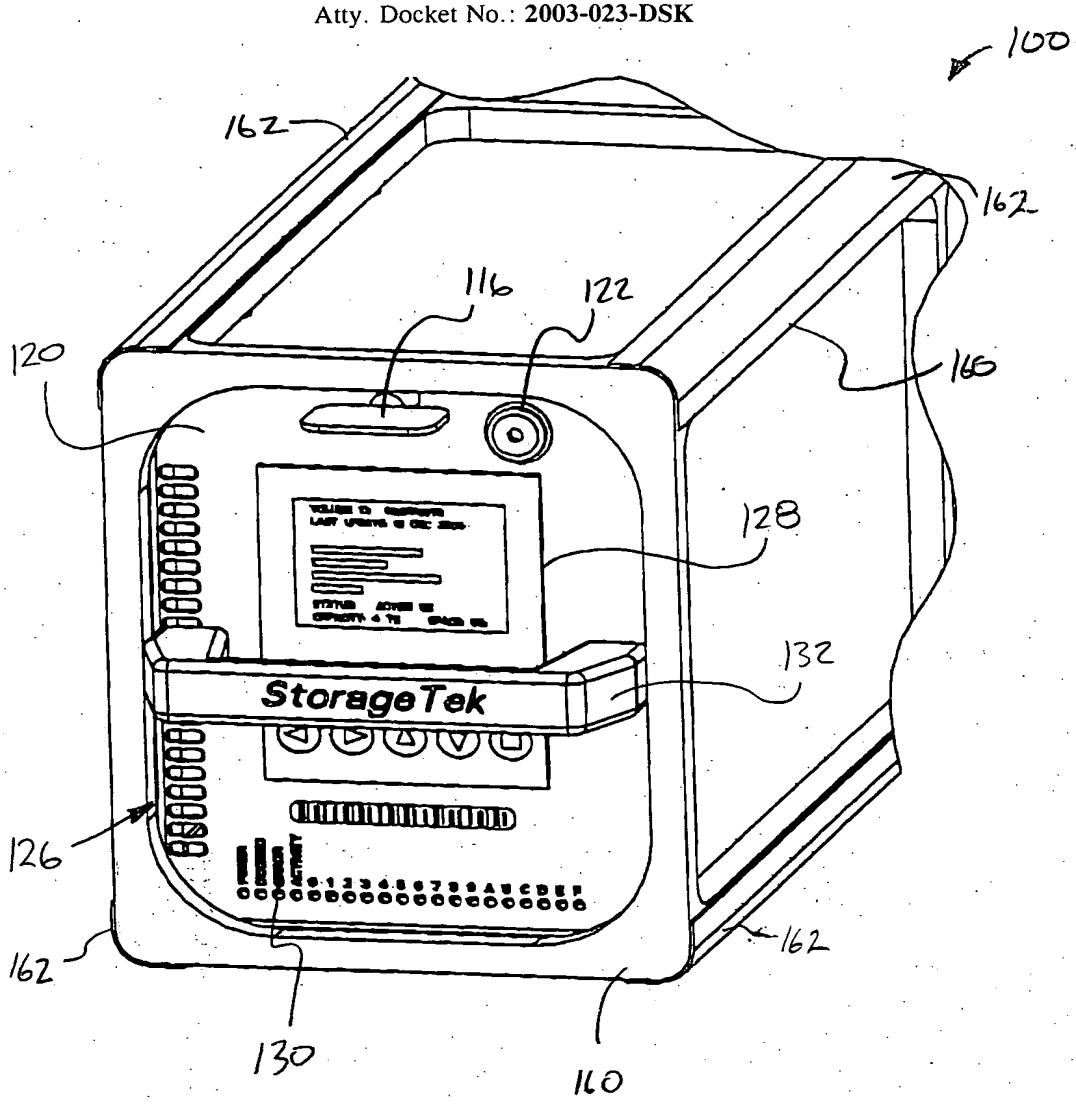


FIG. 2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162
162
116
122
120
166
128
132
StorageTek
126
162
162
130
160

FIG. 3

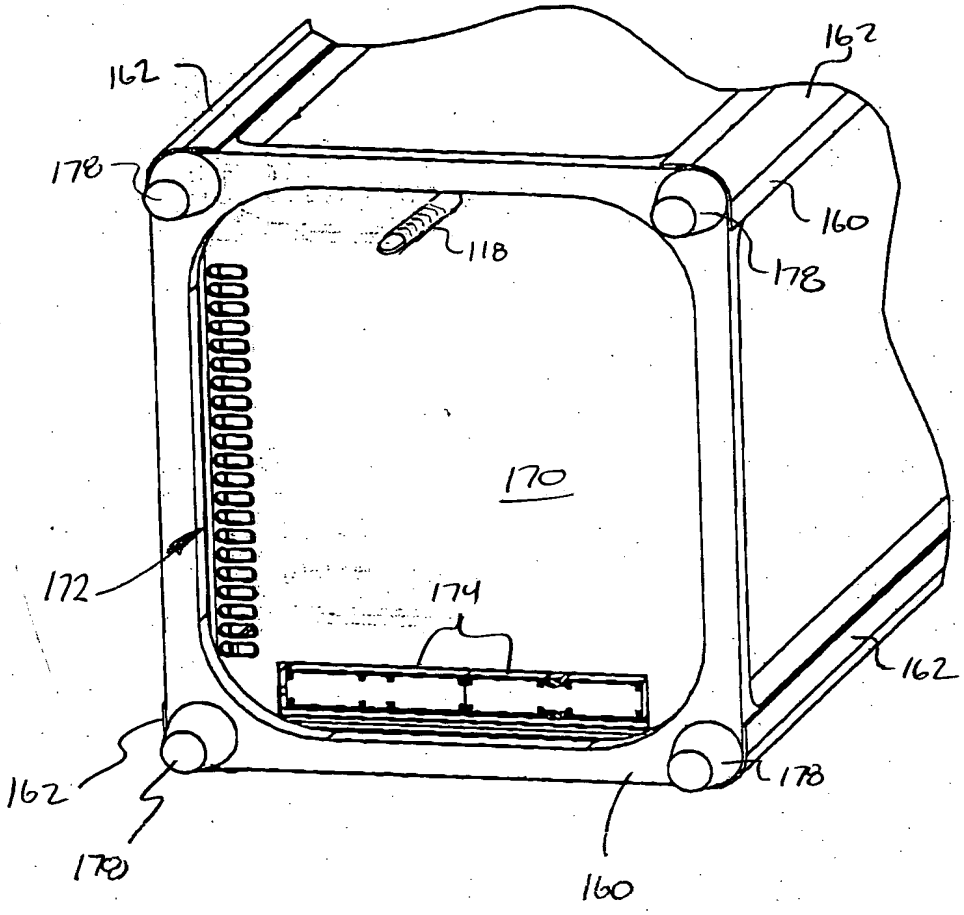


FIG. 4

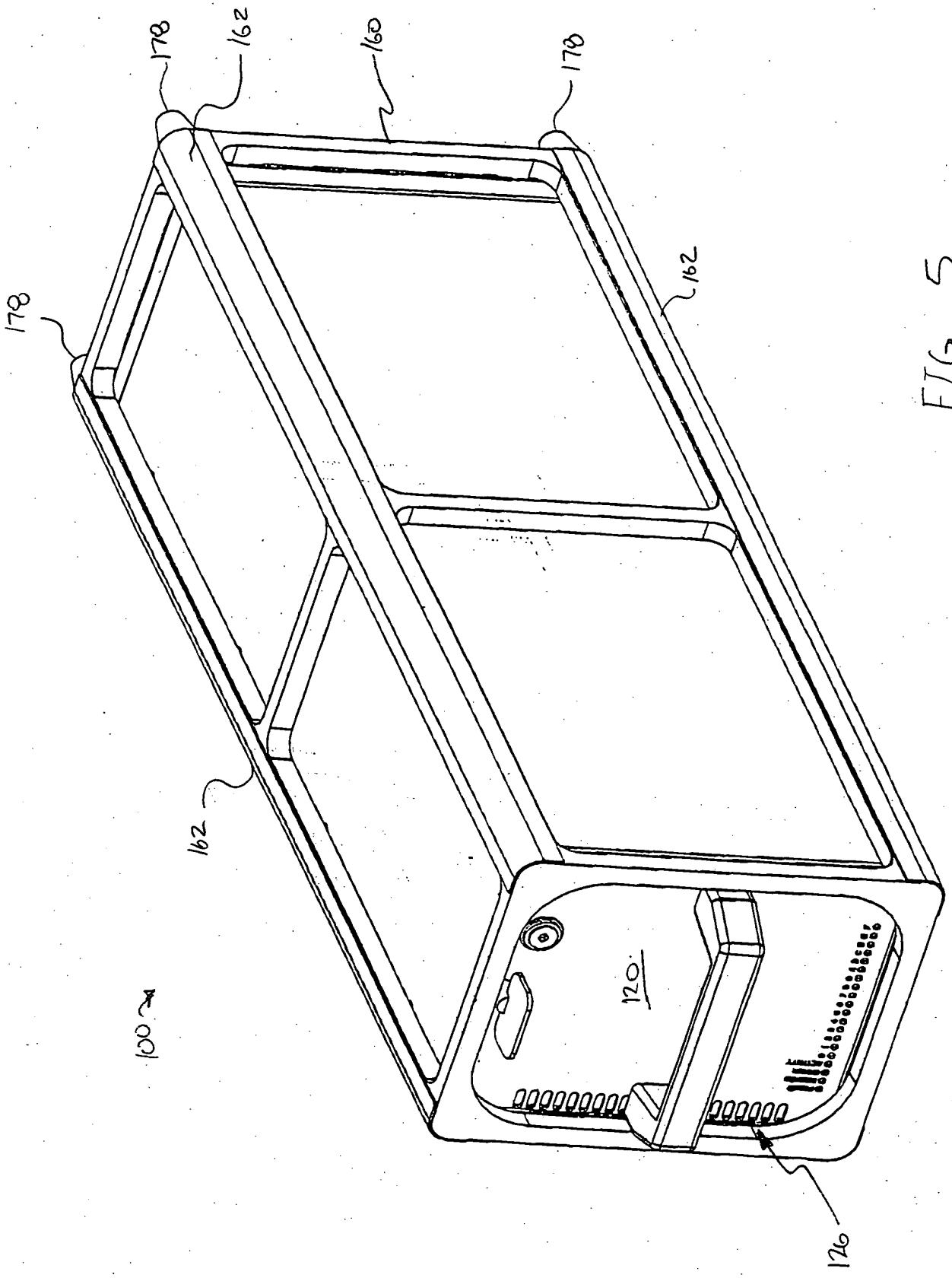
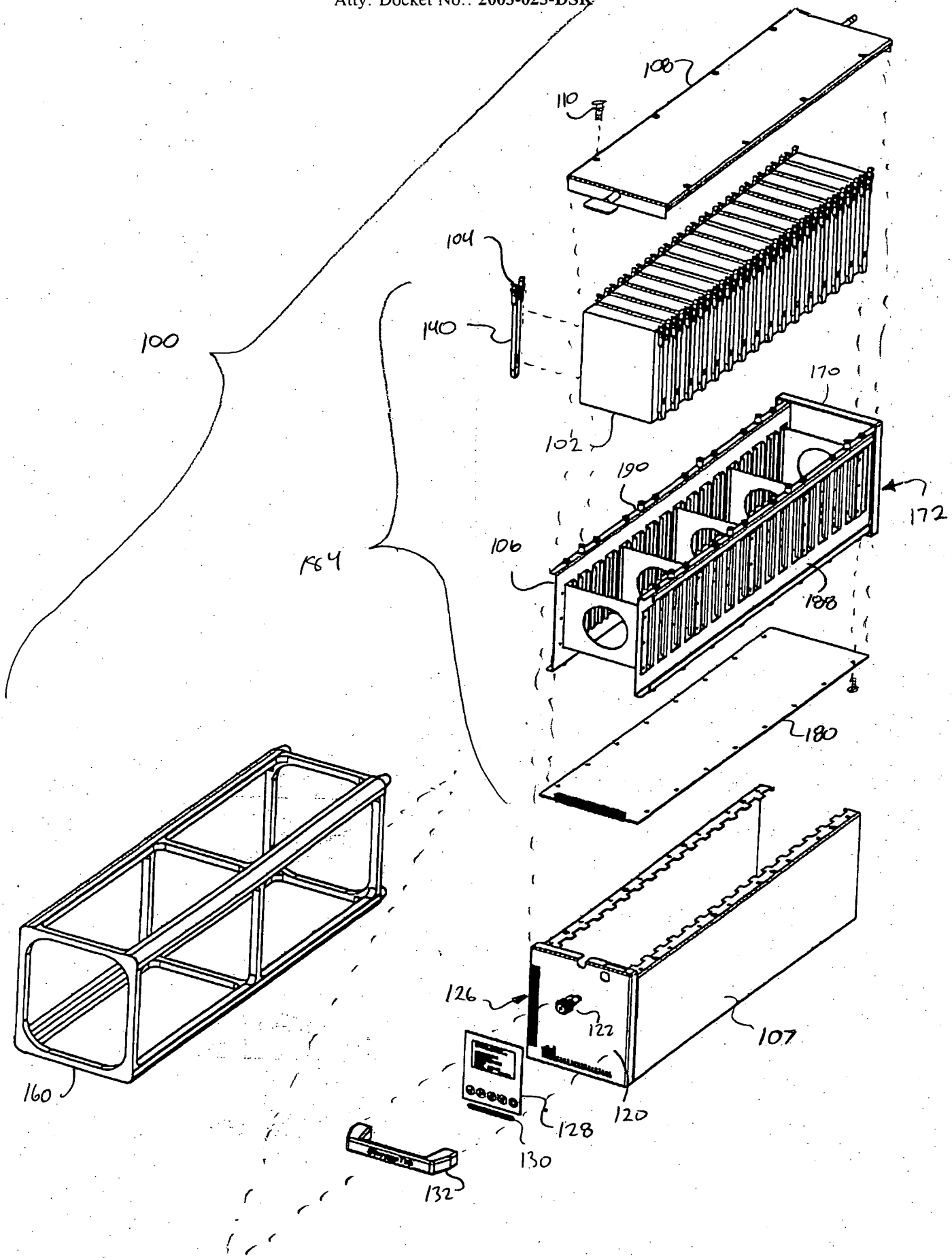


FIG. 5


100
110
104
140
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170
190
172
106
188
180
160
126
122
107
120
128
130
132

FIG. 6

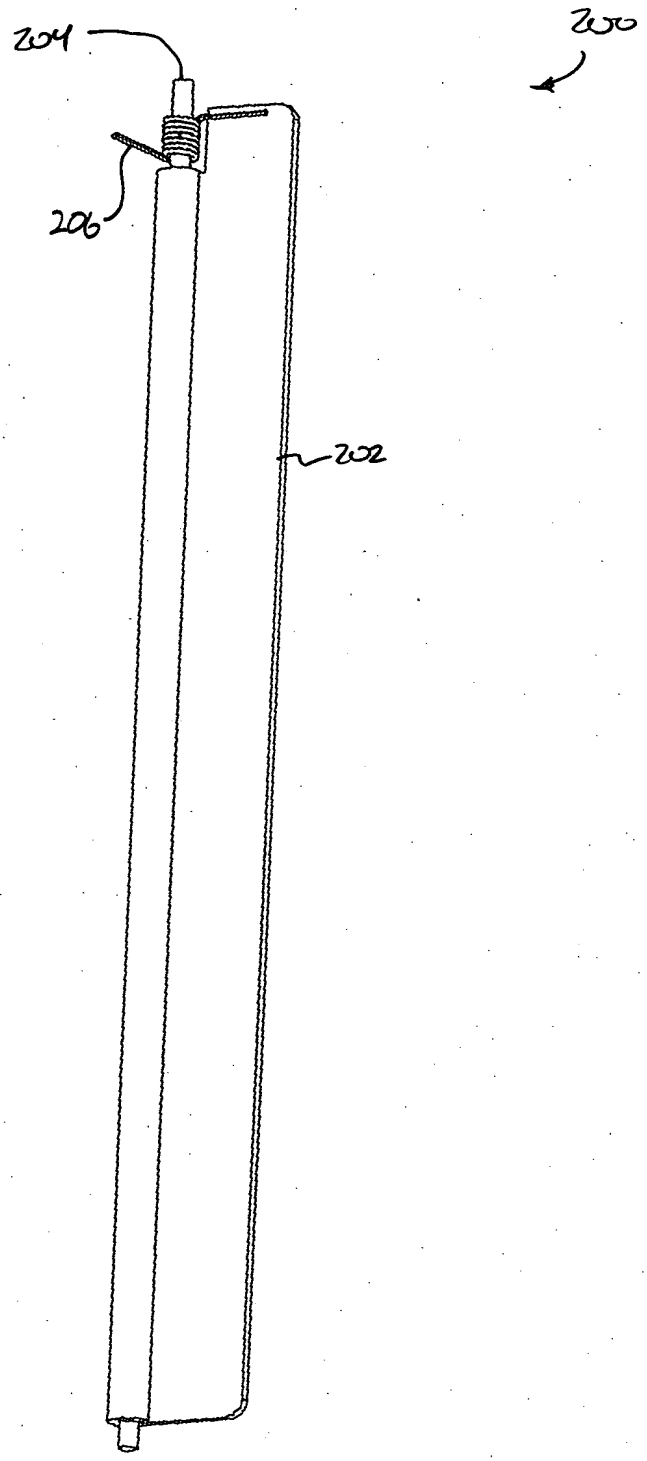


FIG. 7

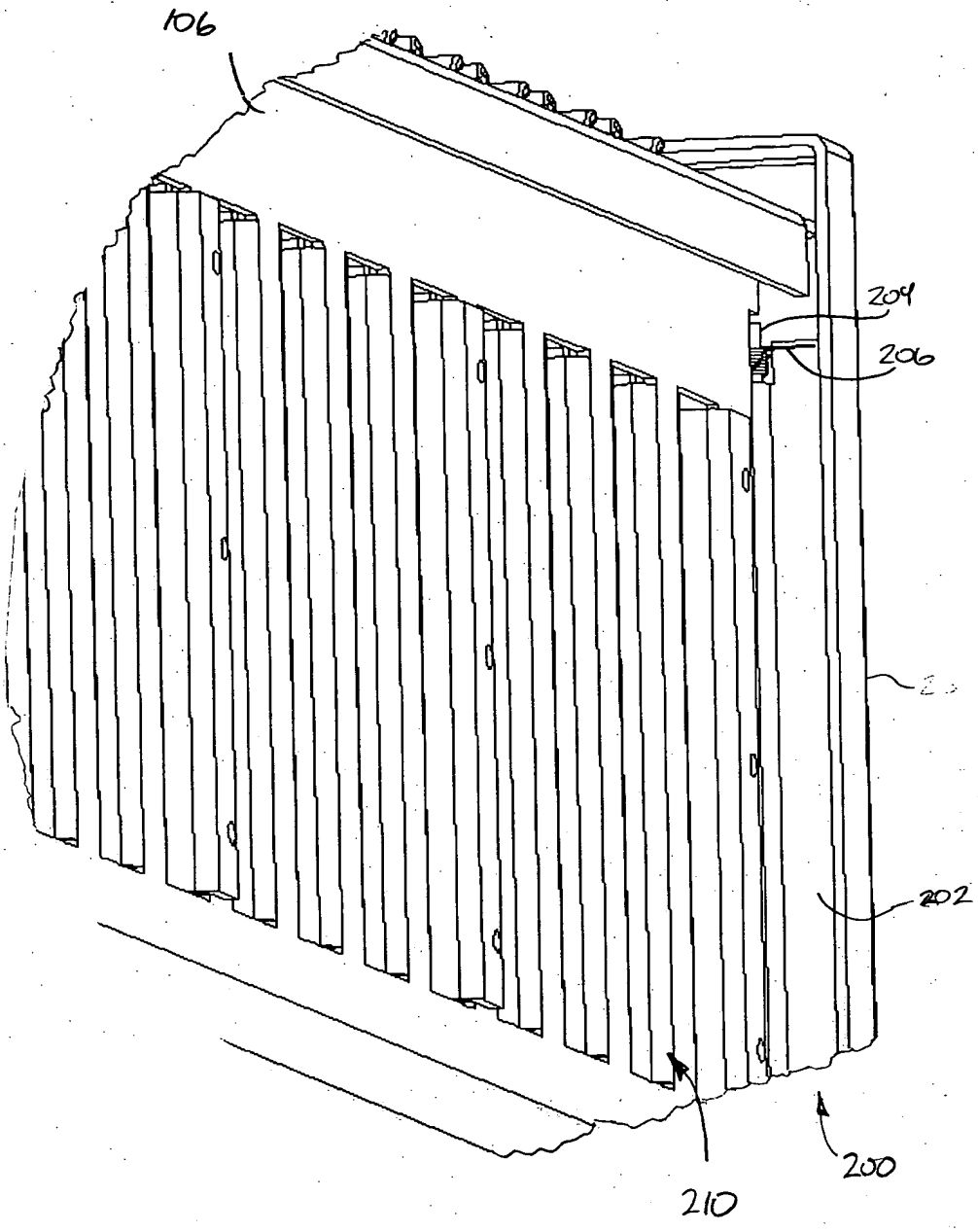


FIG. 8

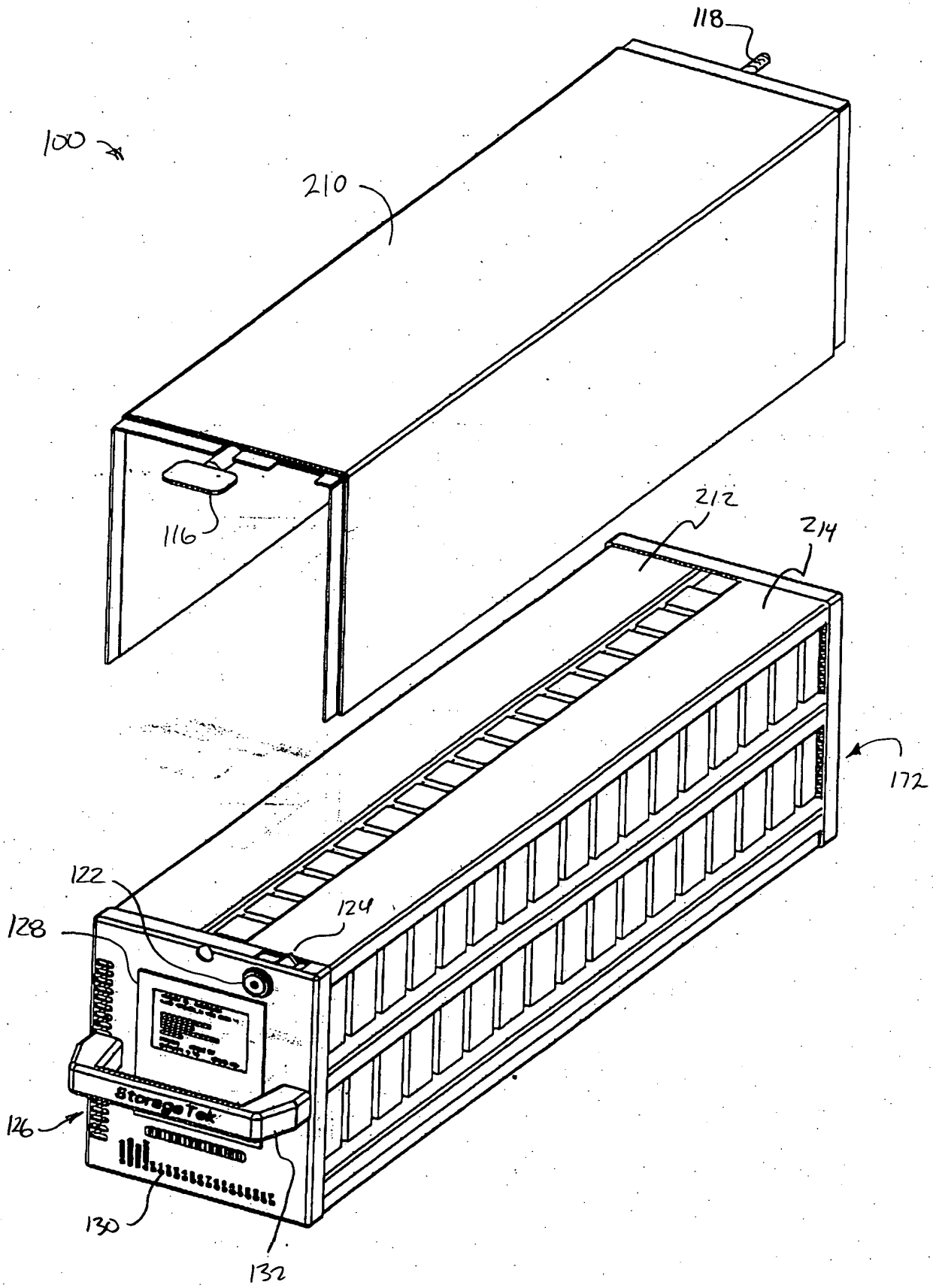
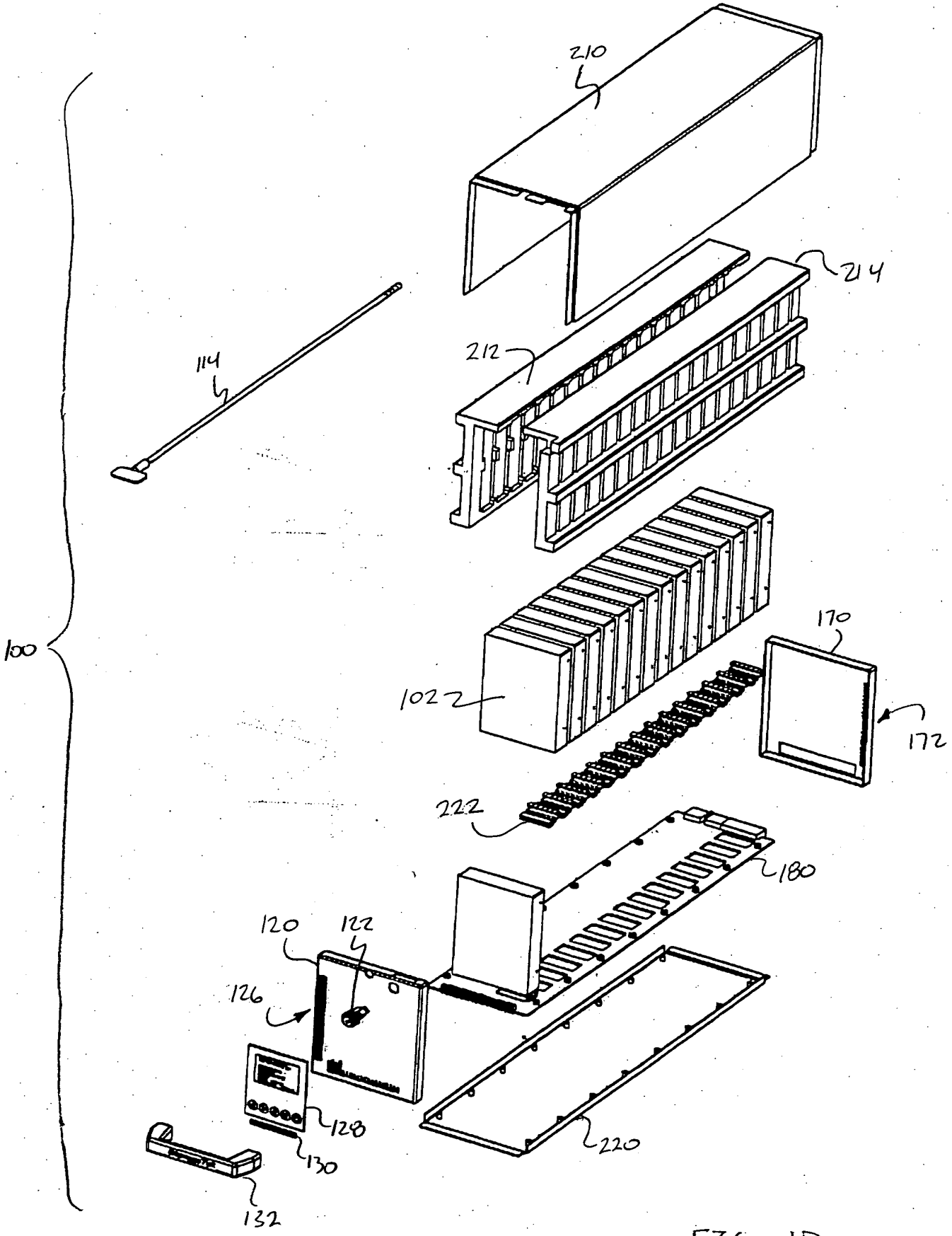


FIG. 9


210
214
212
114
100
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102
172
222
180
120
122
126
128
130
132
220

FIG. 10

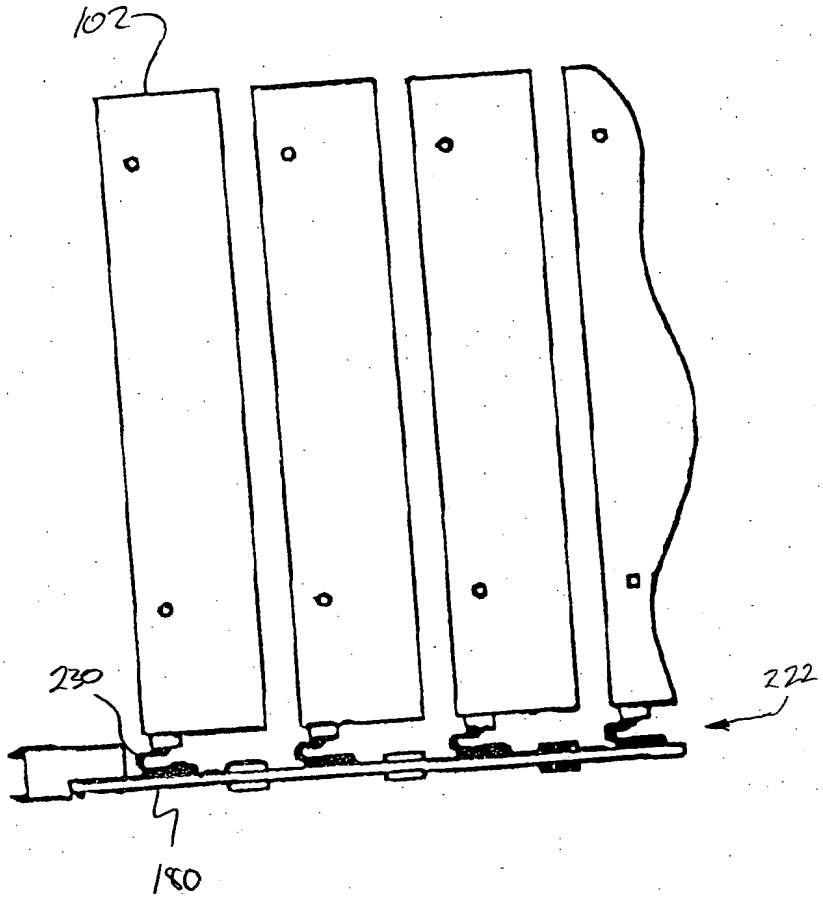

FIG. 11

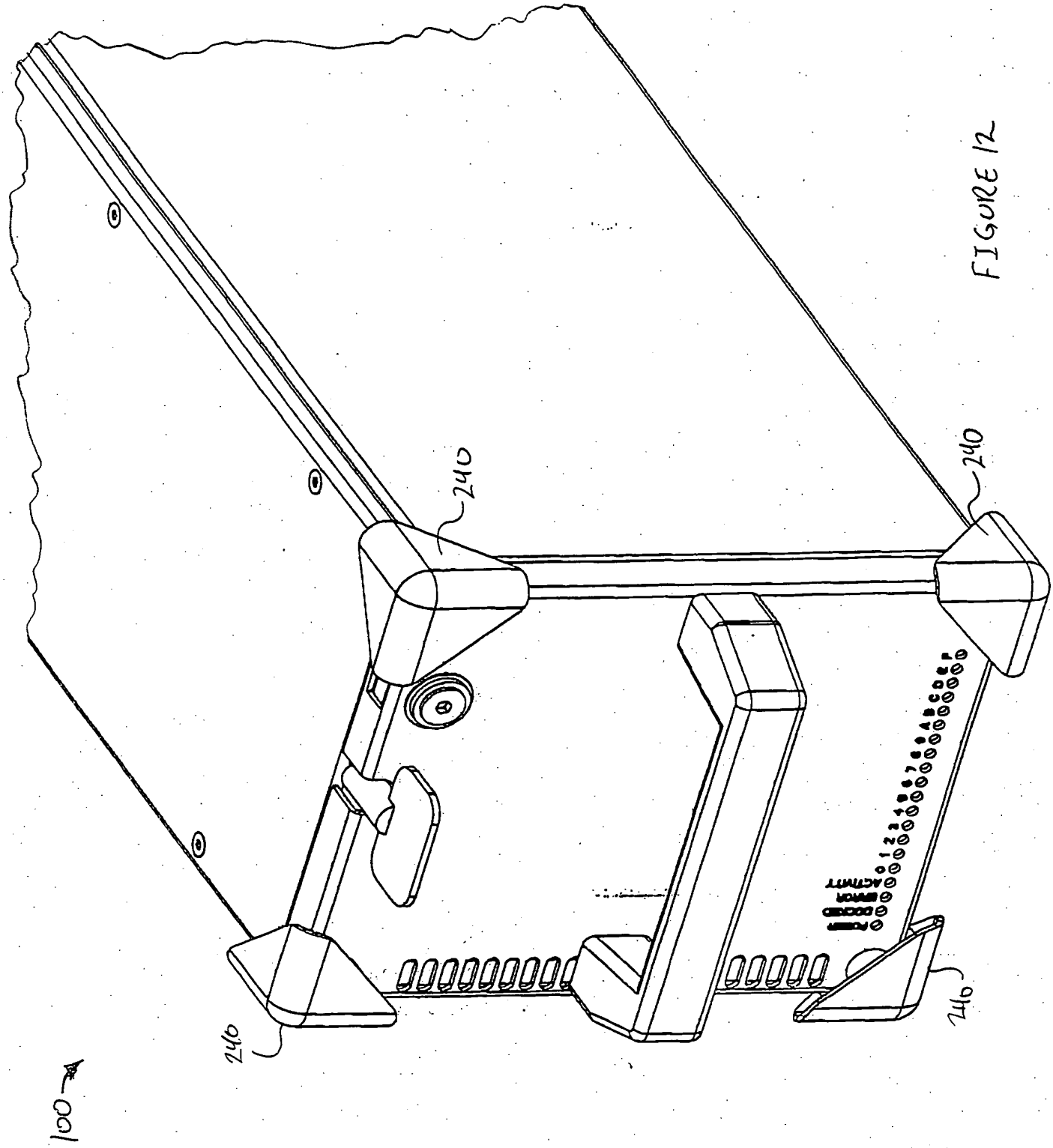

FIGURE 12

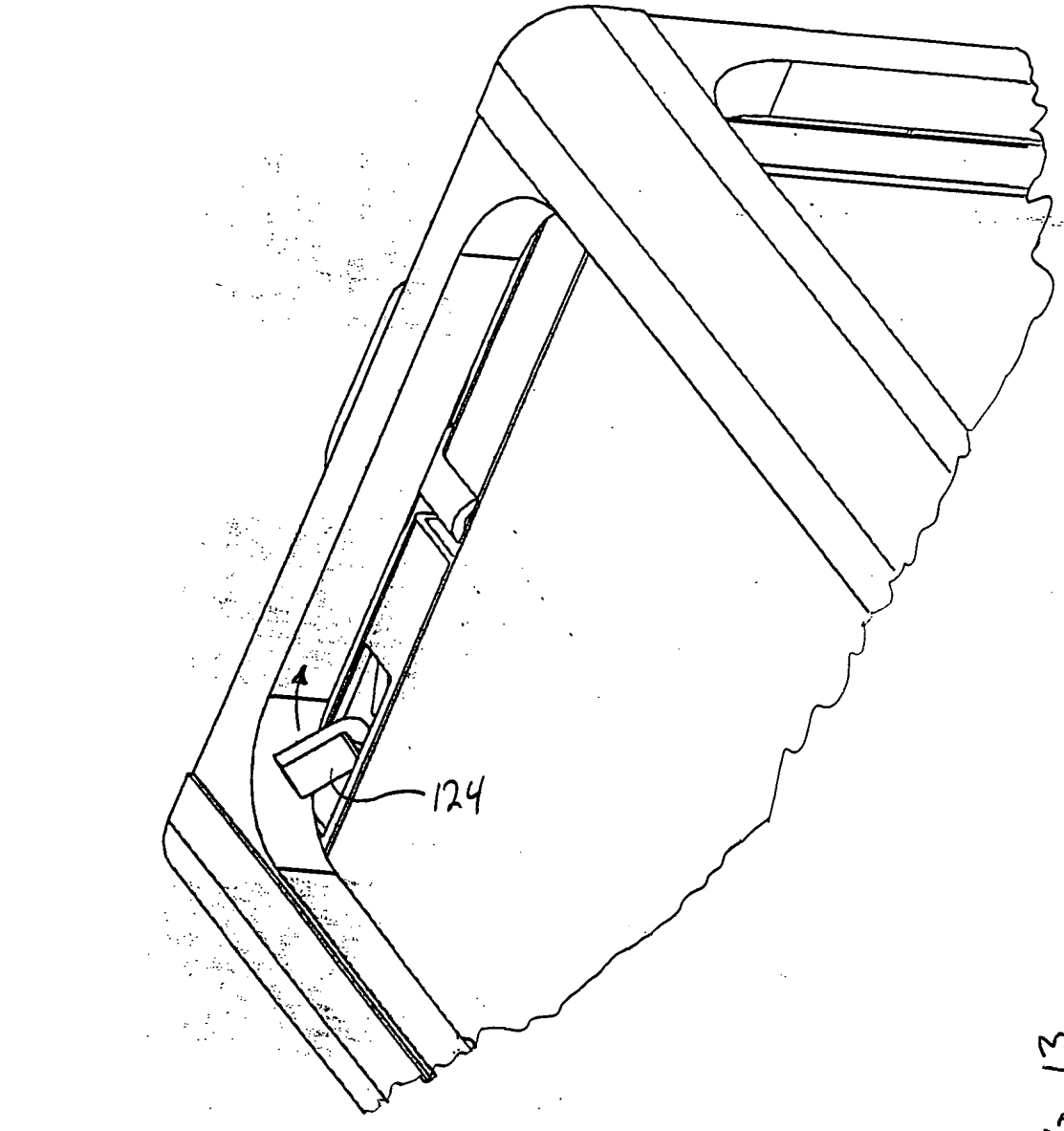

FIG. 13

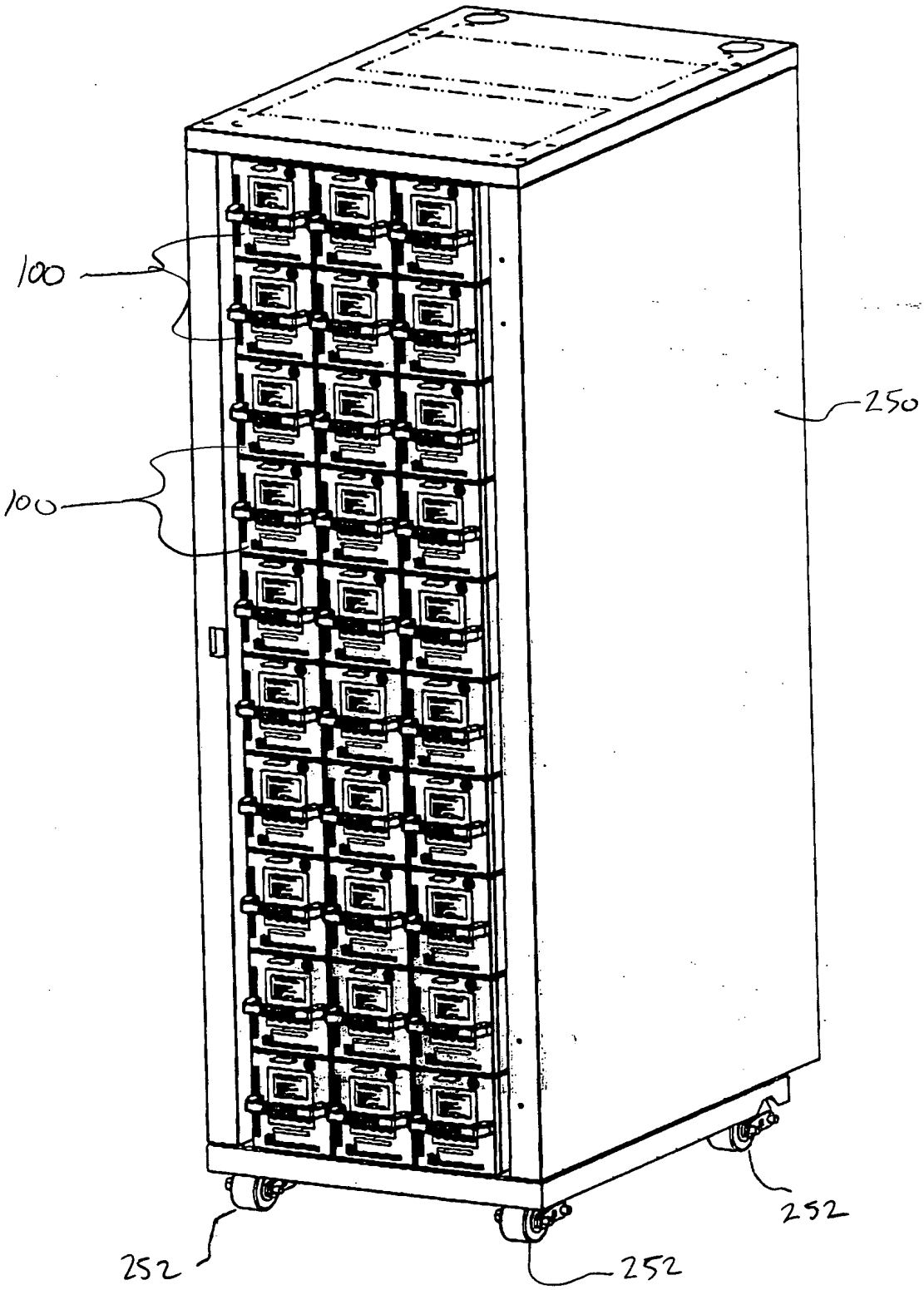

FIG. 14

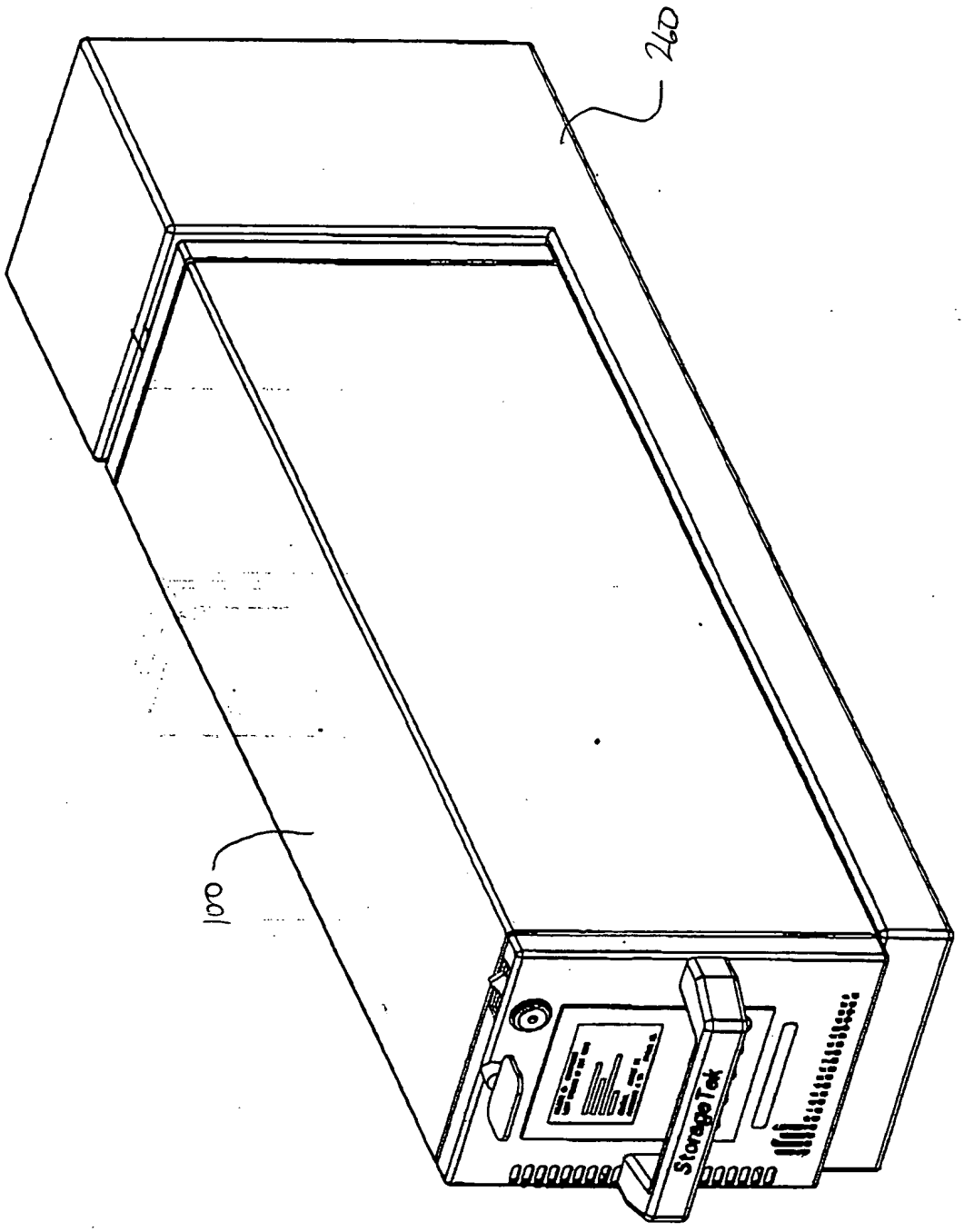

FIG. 15

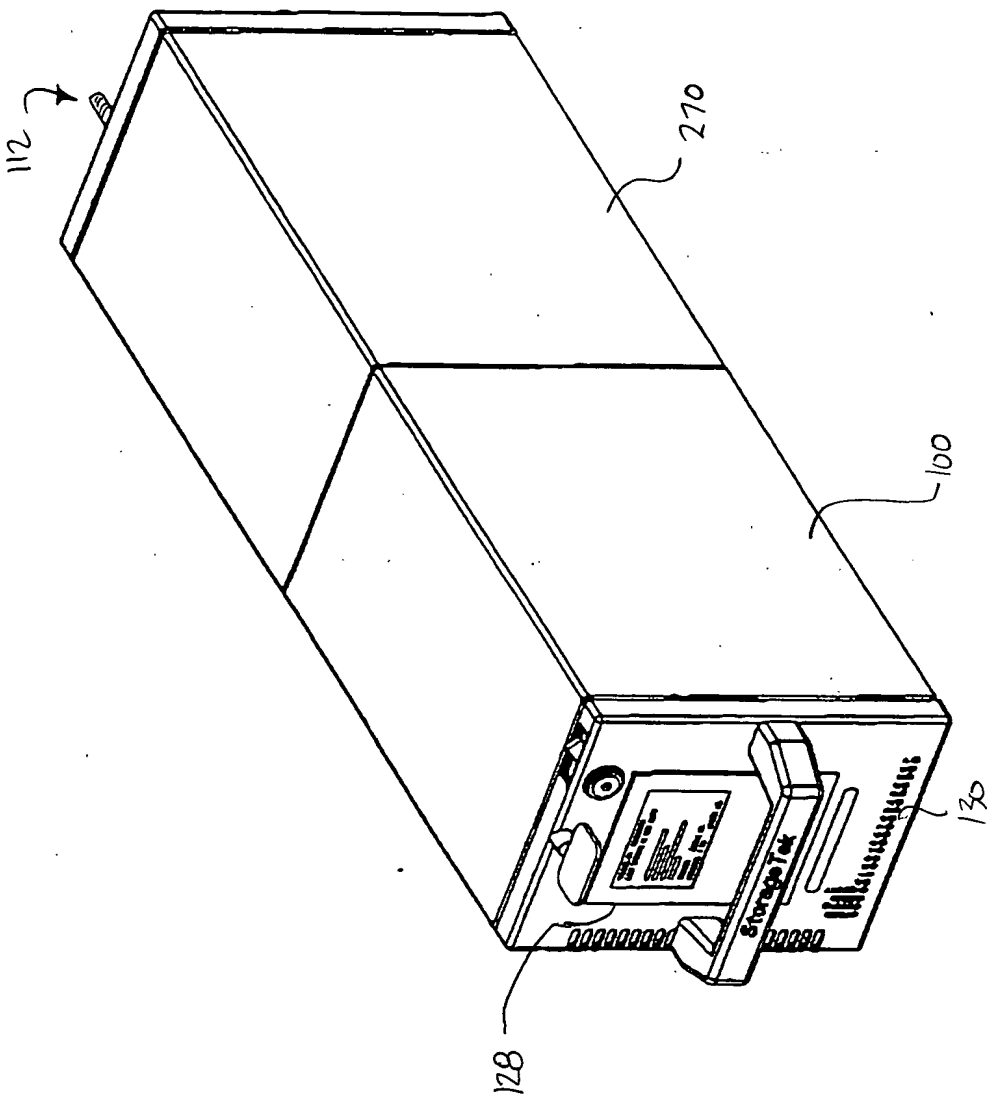

FIG. 1C

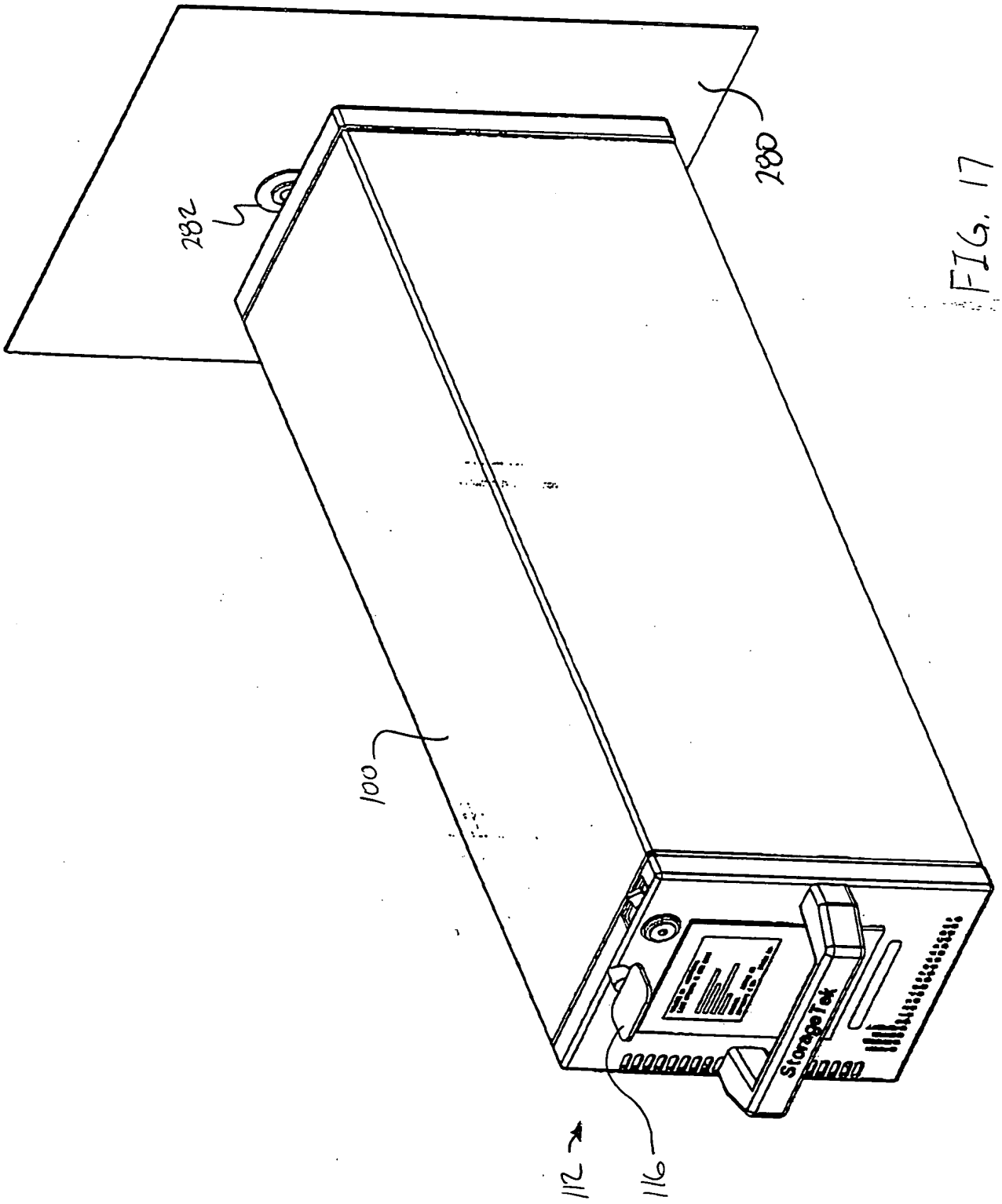

FIG. 17

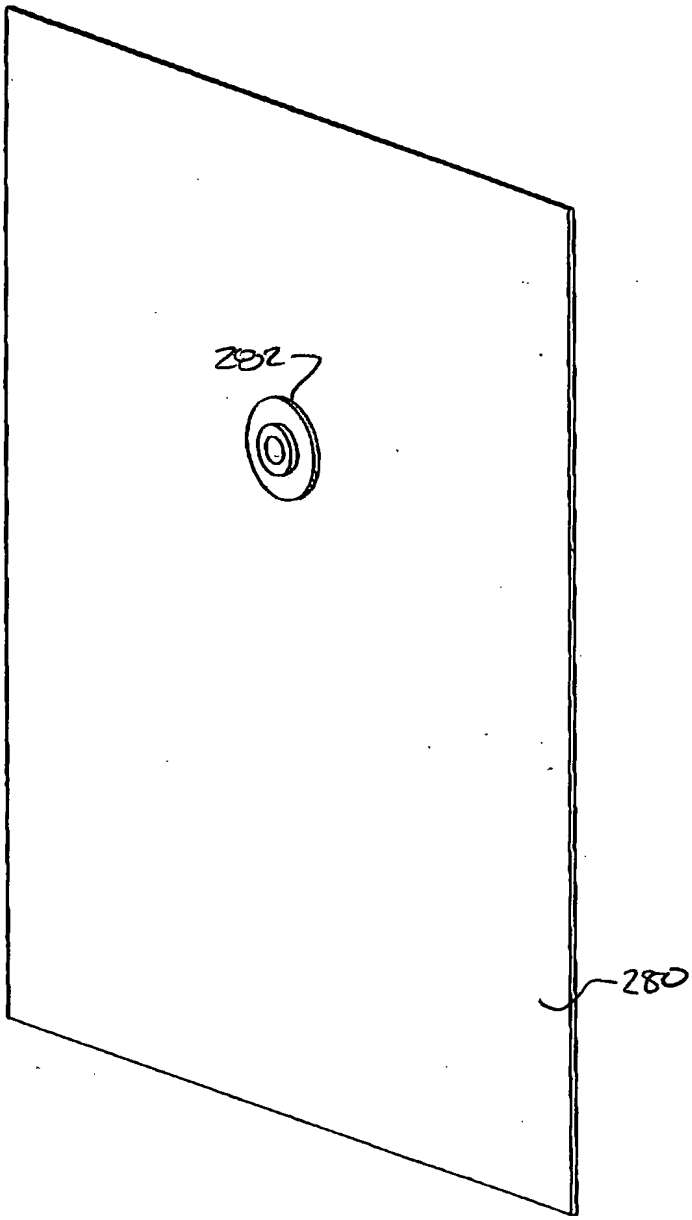

FIG. 18

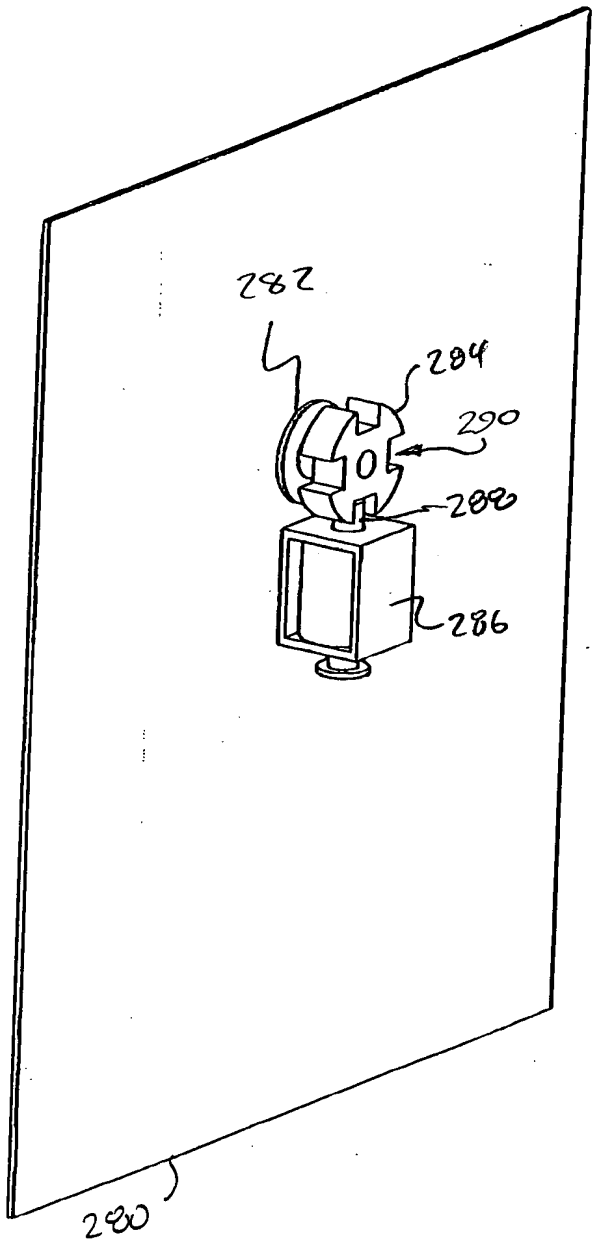

FIG. 19

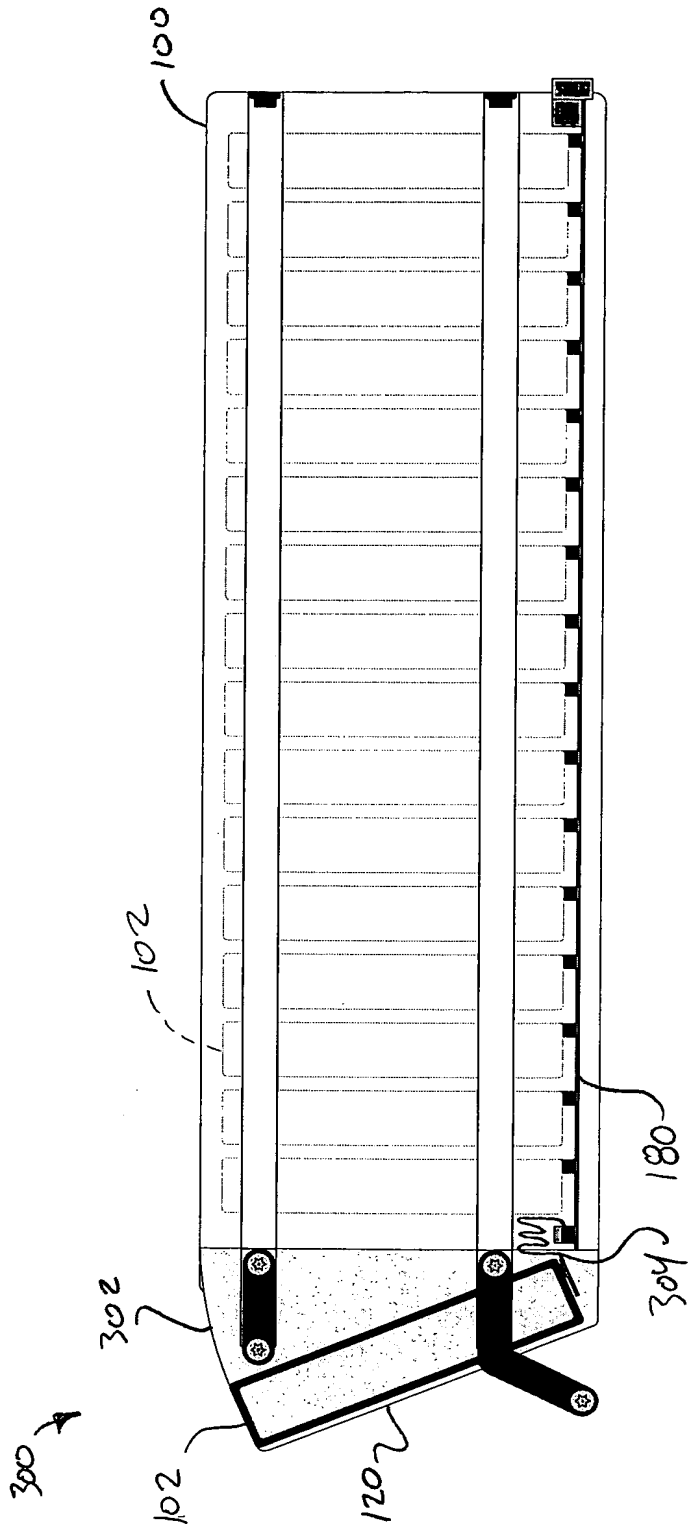

FIG. 20

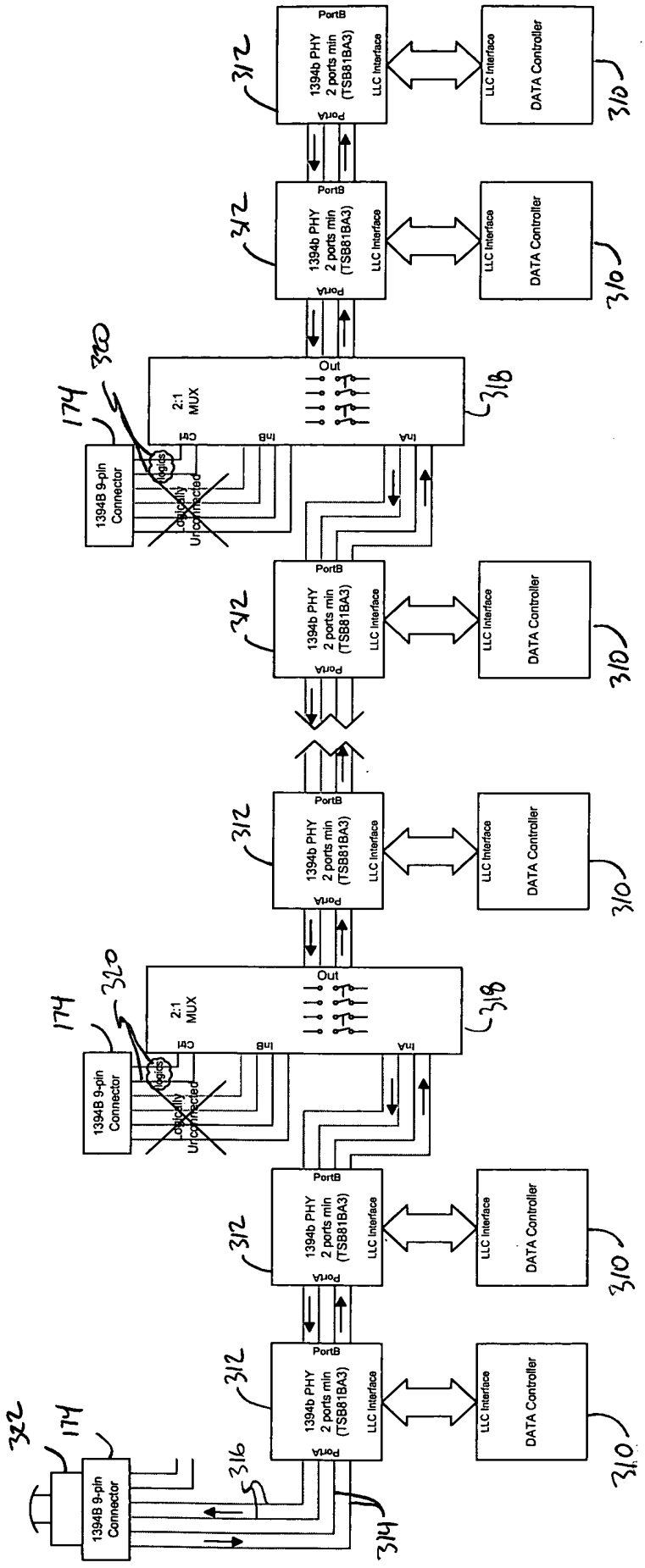
PortB
1394b PHY
2 ports min
(TSB81BA3)
PortA
LLC Interface
LLC Interface
DATA Controller
312
310
Out
2:1
MUX
318
320
Ctrl
InB
InA
1394B 9-pin
Connector
Logically
Unconnected
174
316
314
322

FIG. 21

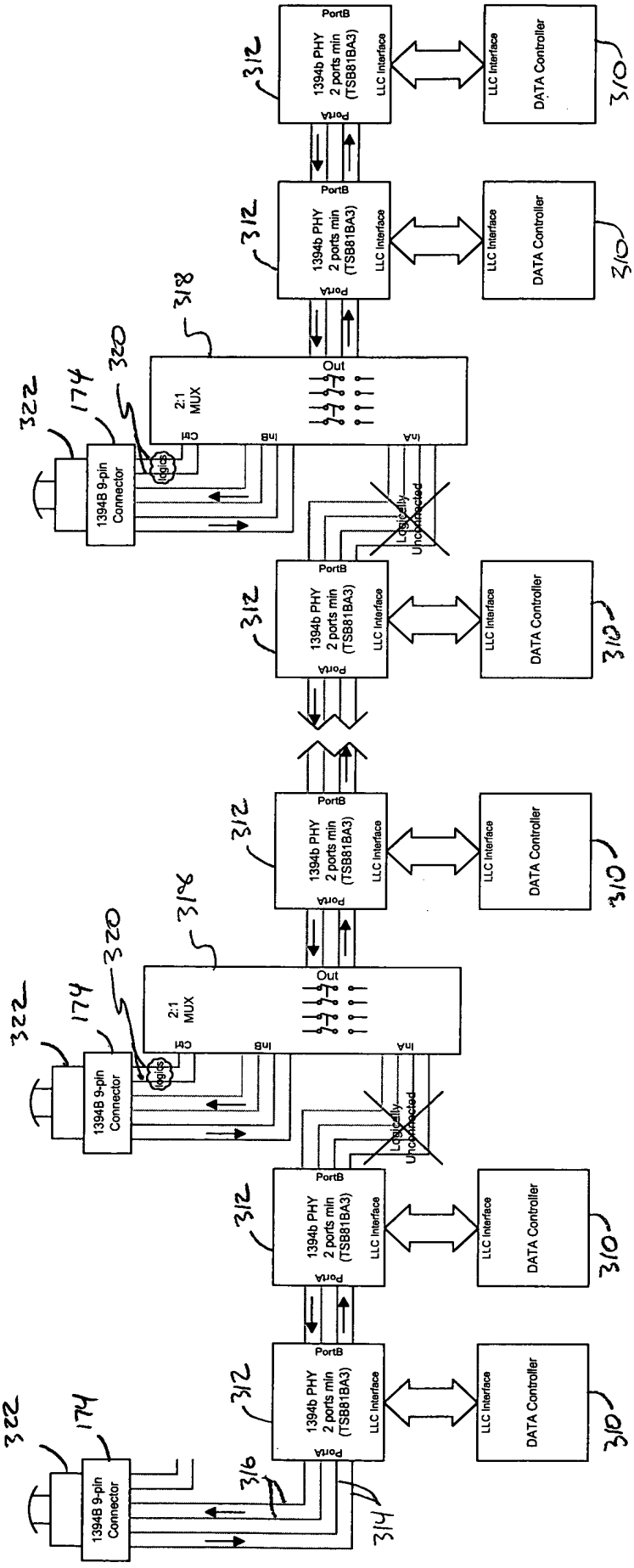
PortB
1394b PHY
2 ports min
(TSB81BA3)
PortA
LLC Interface
LLC Interface
DATA Controller
312
310
318
320
322
174
316
314
2:1
MUX
Out
Ctl
InB
InA
Logic
Logically
Unconnected
1394B 9-pin
Connector

FIG. 22

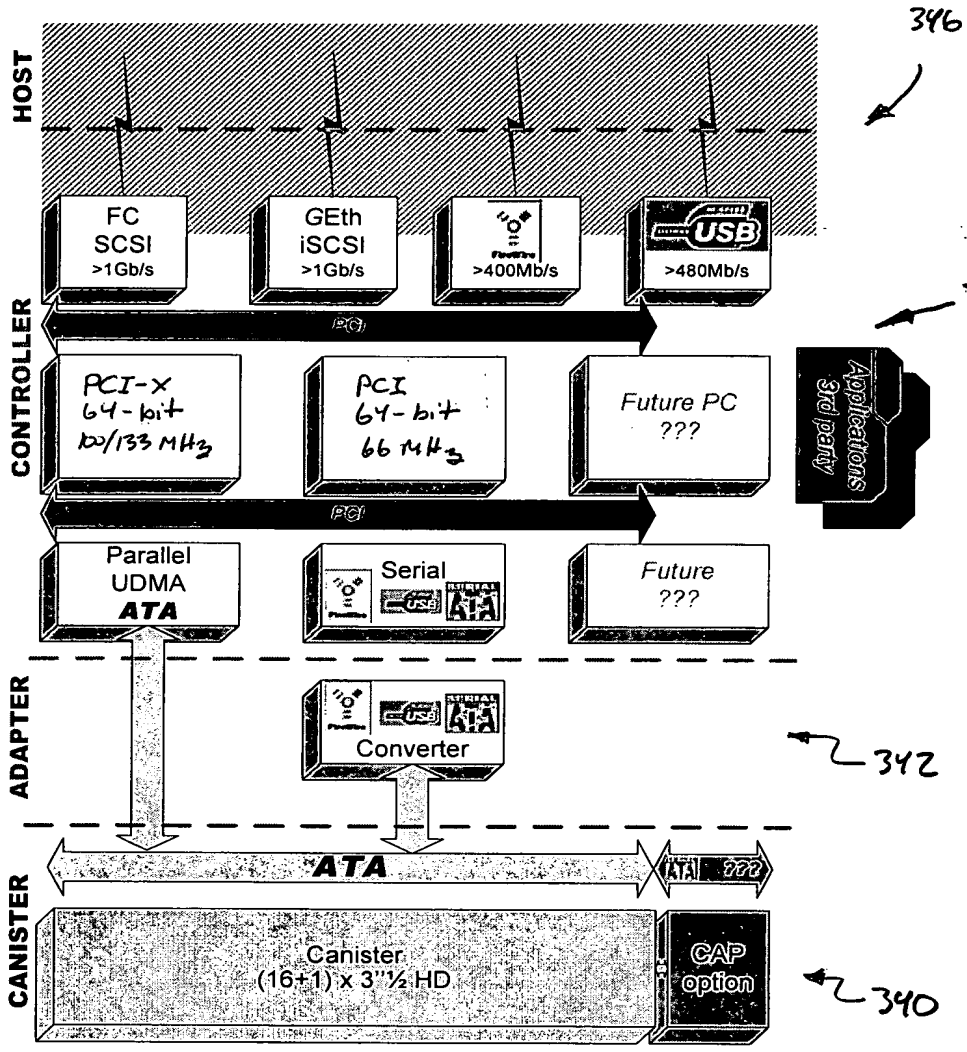
346
HOST
FC
SCSI
>1Gb/s
GEth
iSCSI
>1Gb/s
>400Mb/s
USB
>480Mb/s
344
CONTROLLER
PCI
PCI-X
64-bit
100/133 MHz
PCI
64-bit
66 MHz
Future PC
???
Applications
3rd party
PCI
Parallel
UDMA
ATA
Serial
Future
???
ADAPTER
Converter
342
ATA
ATA
???
CANISTER
Canister
(16+1) x 3"½ HD
CAP
option
340

FIG. 23

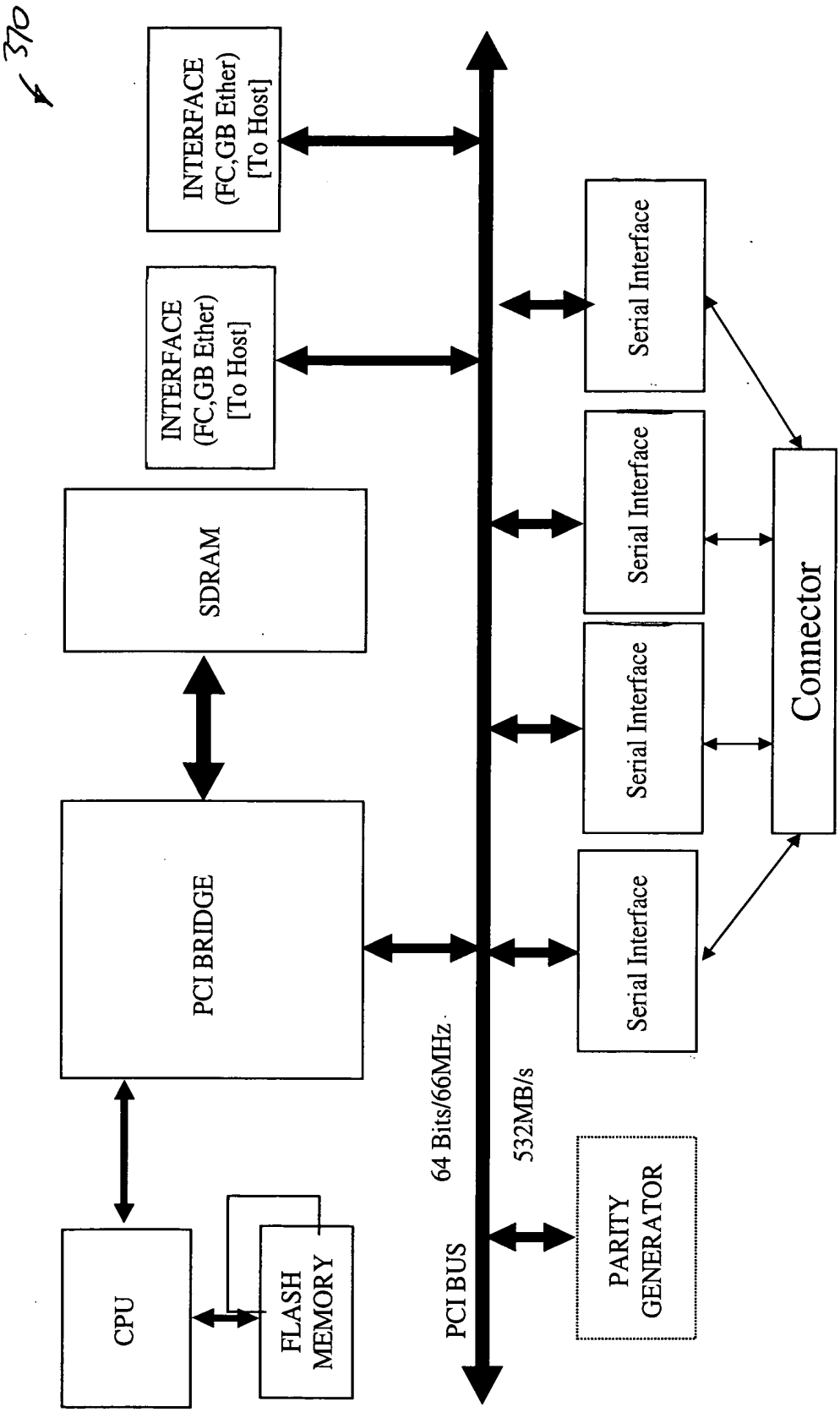
370
INTERFACE (FC,GB Ether) [To Host]
INTERFACE (FC,GB Ether) [To Host]
SDRAM
PCI BRIDGE
CPU
FLASH MEMORY
PCI BUS
64 Bits/66MHz
532MB/s
PARITY GENERATOR
Serial Interface
Serial Interface
Serial Interface
Serial Interface
Connector

FIG. 24

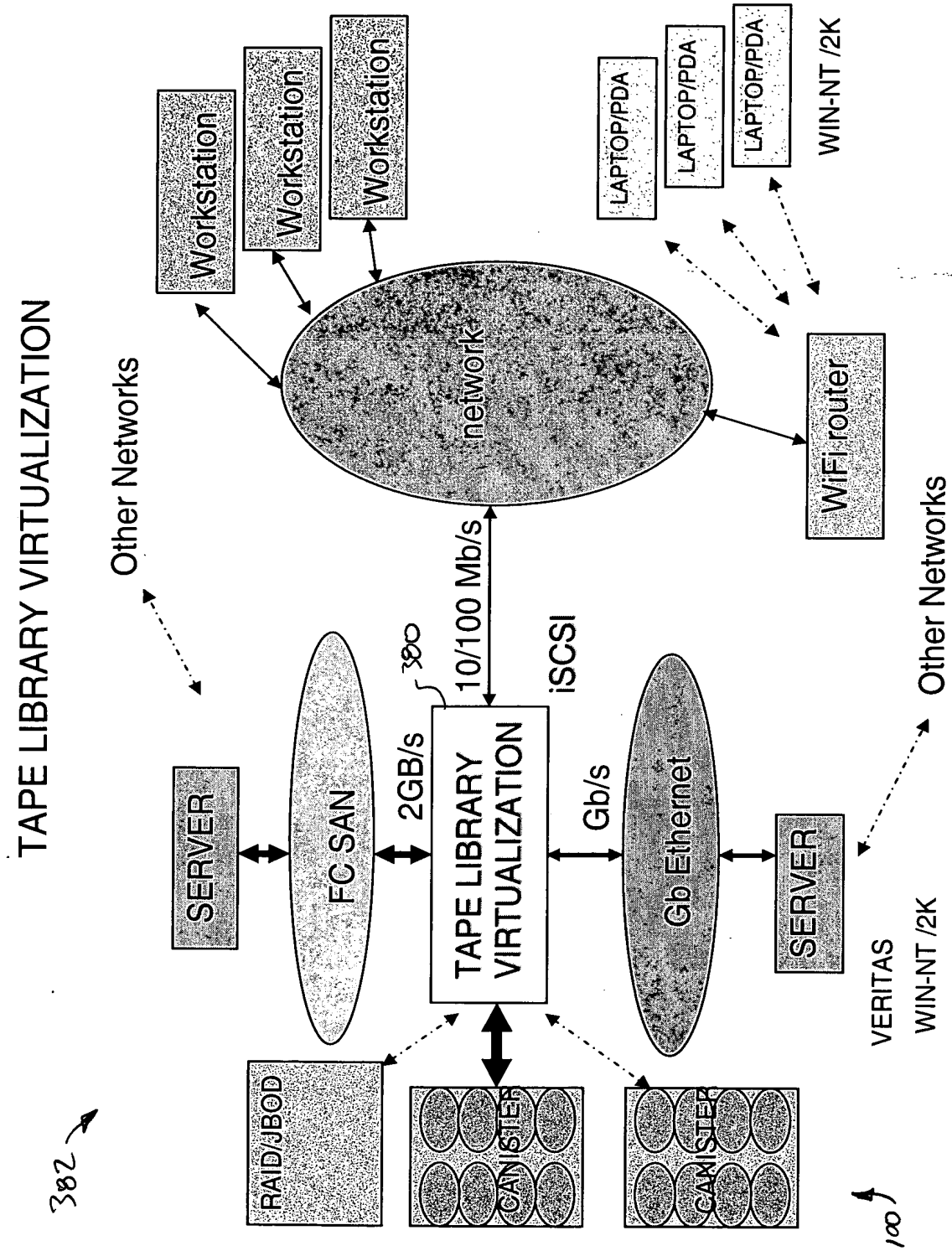
TAPE LIBRARY VIRTUALIZATION
Other Networks
Workstation
Workstation
Workstation
network
LAPTOP/PDA
LAPTOP/PDA
LAPTOP/PDA
WIN-NT /2K
WiFi router
10/100 Mb/s
iSCSI
SERVER
FC SAN
2GB/s
300
TAPE LIBRARY VIRTUALIZATION
Gb/s
Gb Ethernet
SERVER
Other Networks
VERITAS
WIN-NT /2K
RAID/JBOD
CANISTER
CANISTER
382
100

FIG. 25

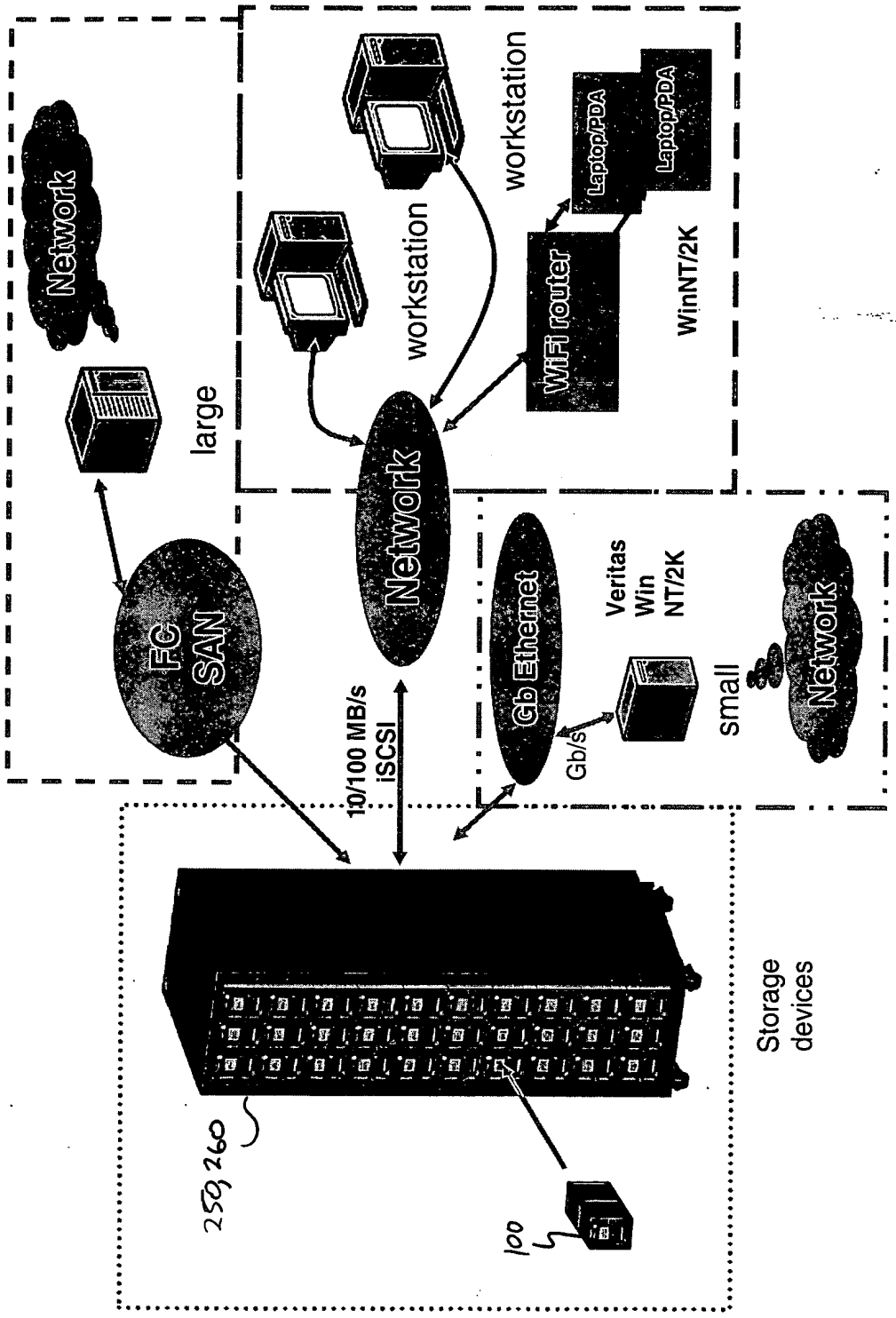
Network
large
workstation
workstation
Laptop/PDA
Laptop/PDA
WiFi router
WinNT/2K
Network
FC SAN
10/100 MB/s
iSCSI
Gb Ethernet
Gb/s
Veritas
Win
NT/2K
small
Network
Storage devices
250 260
100

FIG. 26

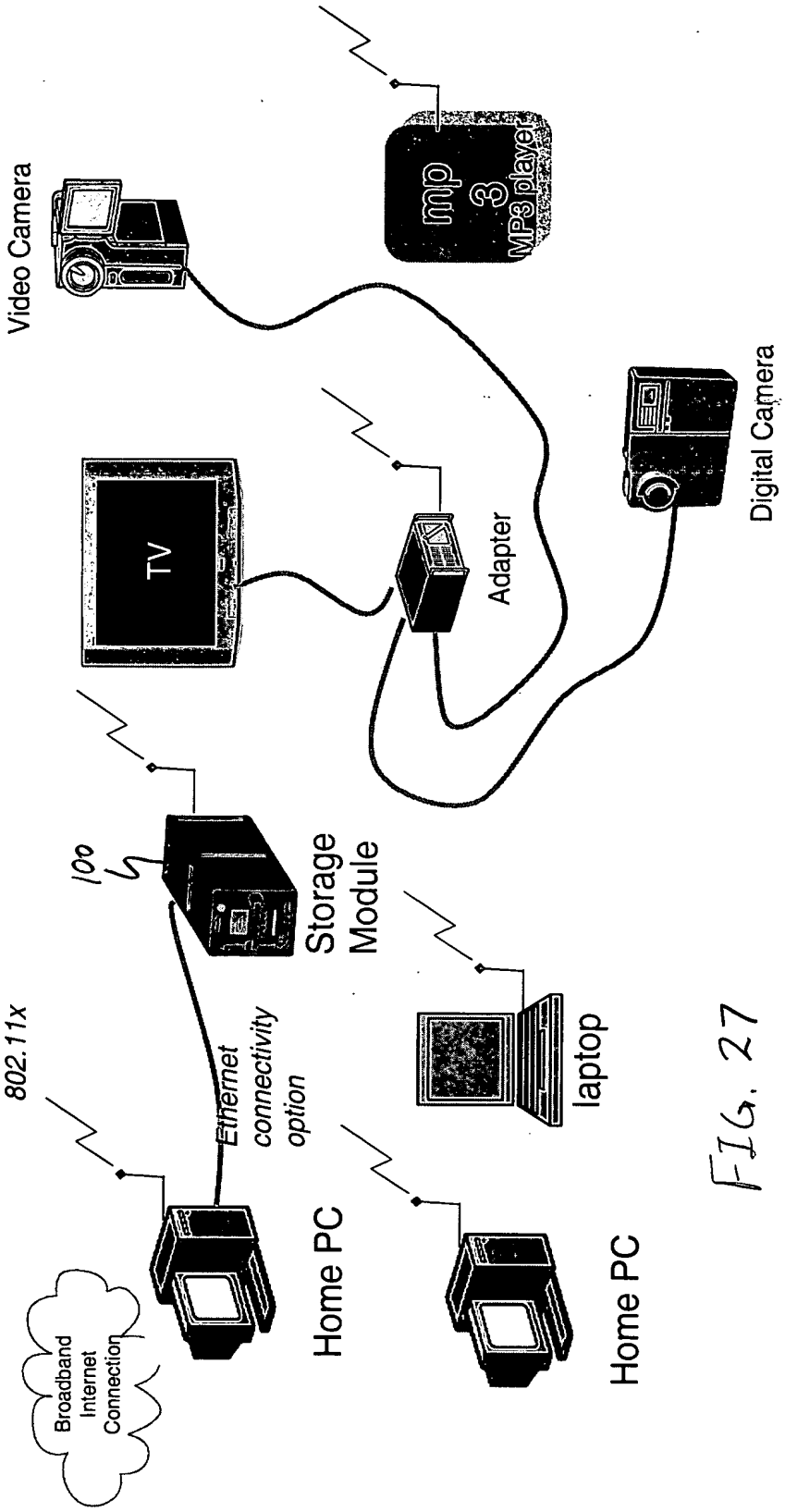
Video Camera
mp3
MP3 player
TV
Adapter
Digital Camera
100
Storage Module
802.11x
Ethernet connectivity option
laptop
Broadband Internet Connection
Home PC
Home PC

FIG. 27